

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Original) A method for manufacturing a light-transmitting module having a light-transmitting device, an electrically conductive carrier, a lens and a housing, said housing enclosing said light-transmitting device, said carrier and said lens, said light-transmitting device having a first electrode and a second electrode and transmitting light by supplying a current between said first and second electrodes, said method comprising the steps of:

mounting a sub-mount and a first post on said conductive carrier, said sub-mount mounting said light-transmitting device thereon, said first post being made of insulating material with a metal film thereon;

electrically connecting said first electrode of said light-transmitting device to said metal film on said first post; and

testing said light-transmitting device by supplying said current through a first probe touching said metal film on said first post.

Claim 2 (Original) The method according to claim 1, wherein said sub-mount is made of insulating material having a first surface with a metal film thereon, said light-transmitting device being mounted on said sub-mount such that said first electrode of said light-transmitting device faces and is in contact with said metal film on said first surface of said sub-mount.

Claim 3 (Original) The method according to claim 2, wherein said electrically connecting step further comprises a step of electrically connecting said second electrode of said light-transmitting device to said carrier.

Claim 4 (Original) The method according to claim 2, wherein said mounting step further comprises a step of mounting an electrically conductive second post on said carrier, and said electrically connecting step further comprises a step of electrically connecting said second electrode of said light-transmitting device to said second post.

Claim 5 (Original) The method according to claim 1, subsequently to said testing step, further comprises steps of

installing said carrier, on which said light-transmitting device and said first post are mounted, into said housing; and

mounting said lens on said carrier and aligning said lens with said light-transmitting device by supplying said current to said light-transmitting device through said first probe touching said metal film on said first post.

Claim 6 (Amended) The method according to claim 6 5, subsequently to said alignment of said lens, further comprises steps of:

cutting said electrical connection between said first electrode of said light-transmitting device and said metal film on said first post;

mounting a driver for driving said light-transmitting device on said carrier; and

electrically connecting said driver to said first electrode and said second electrode of said light-transmitting device.

Claim 7 (Original) The method according to claim 1, wherein said sub-mount is made of electrically conductive material and said light-transmitting device is mounted on said sub-mount such that said second electrode of said light-transmitting device faces and is in contact with said sub-mount.

Claim 8 (Original) The method according to claim 7, wherein said mounting step further comprises a step of mounting a third post on said carrier, said third post being made of insulating material having another metal film thereon, and said electrically connecting step further comprises a step of electrically connecting said first electrode of said light-transmitting device to said metal film provided on said first post through said other metal film provided on said third post.

Claim 9 (Original) The method according to claim 8, after said electrically connecting step between said first electrode of said light-transmitting device and said metal film provided on said first post, further comprises steps of:

cutting said electrical connection between said metal film provided on said first post and said other metal film on said third post;

mounting a driver for driving said light-transmitting device on said carrier; and electrically connecting said driver to said other metal film provided on said third post.

Claim 10 (Original) The method according to claim 1, wherein said first electrode is a cathode electrode of said light-transmitting device and said second electrode corresponds to an anode electrode of said light-transmitting device.